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STATE COUNCIL OF CIVIL DEFENSE
MAIN CAPITOL BUILDING
HARRISBURG, PENNSYLVANIA

September 28, 1956

INFORMATION CIRCULAR NO. 75

IMMEDIATE RELEASE

1. The attached listing furnishes a brief description of the films available to county and local civil defense organizations from the State Council of Civil Defense on a temporary, free loan basis. All films are 16mm and equipped with sound track.
2. Two weeks advance written notice must be given when filing requests for film. The specific date or dates the film will be shown should be indicated on the request. It is expected that films will be returned to this office promptly, preferably the day following the scheduled showing.
3. Extreme care should be taken in handling the films. Only trained operators should be authorized to "set-up" film on projectors. The cost of repairing or replacing damaged or lost films will be the responsibility of the requesting individual or organization.
4. The State Council of Civil Defense will augment their present library of films as additional prints and new films become available.

Richard Gerstell
Richard Gerstell
Director of Civil Defense

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FILMS ON FREE LOAN FROM
STATE COUNCIL OF CIVIL DEFENSE
Main Capitol Building
Harrisburg, Pennsylvania

Tale of Two Cities	A 17 minute film depicting the destruction of Nagasaki and Hiroshima.
Self-Preservation in an Atomic Attack	18 minutes. Junior high, senior high, college, adult. Three servicemen demonstrate what individuals should do to protect themselves against an air or under-water explosion. The relative effects of blast, heat, and radiation are also shown.
Fire's the Enemy	11 minutes. Adult. A British film directed at prospective recruits for the civil defense auxiliary fire services. Shows new developments in fire engines, fire launches, special hose-laying trucks, power extension ladder truck. Rescue exercises on a fire-school tower are augmented by scenes at a real fire in which the auxiliary fighters play their part.
Decontamination of Streets	17 minutes. Adults. Detailed instructions to decontamination squads on clearing blister gas from streets showing good coordination between wardens and workers in specialized services called in following disaster.
Waking Point	20 minutes. If you have found people indifferent to your pleas to join in Civil Defense Training Programs, then here at last is the film to shock them out of their lethargy. Waking Point was produced for Civil Defense recruitment in Britain where officials are faced with the same indifference as in the United States. By means of a dramatized story the need for recruits and the facilities available for training them are skillfully and professionally depicted.
Communications for Civil Defense	32 minutes. A film prepared by Bell Telephone Laboratories.

THE UNIVERSITY OF CHICAGO
DEPARTMENT OF CHEMISTRY
RESEARCH REPORT

Submitted by: [Name]
Date: [Date]

Report No. [Number]

The following data were obtained from the experiment described in the preceding report. The results are summarized in the table below.

Table 1. Summary of experimental results.

The data show that the reaction rate is proportional to the concentration of the reactants. This is consistent with the proposed mechanism.

Table 2. Rate constants for the reaction.

The rate constants were determined from the data in Table 1. The values are listed in Table 2.

Table 3. Activation energy of the reaction.

The activation energy was calculated from the Arrhenius plot. The value is given in Table 3.

Table 4. Comparison of experimental and theoretical results.

The experimental results are compared with the theoretical predictions in Table 4. The agreement is within experimental error.

Table 5. Conclusions and recommendations.

The experiment was successful in determining the rate constants and activation energy of the reaction.

Fire Guard Plan

25 minutes. Senior high, adult. Reel 1 shows a demonstration in which a fire bomb falls into a living room and sets it ablaze and the warden's technique for putting it out. Reel 2 shows an actual air raid, and illustrates special tasks arising from it. Reel 3 emphasizes the need for care of equipment and demonstrates the technique of working in smoke-filled rooms.

They Also Serve

17 minutes. Adults. Introduces the organization for medical and health services for disaster and the role the civilian medical profession must assume in peacetime for systematic and successful response in disaster situations, particularly in war.

Operation Greenhouse

25 minutes. Junior high, senior high, college, adult. Shows preparation for atomic tests at Eniwetok in the Spring of 1951. Contains vivid scenes of the detonations with limited views of damage to buildings.

Air Defense

18 minutes. Senior high, college, adult. Points up the importance of a Ground Observer Corps and its function in the organization for national defense. Shows the Corps in operation when an unidentified plane is reported by a ground observer.

V-1 Robot Bomb

9 minutes. College, adult. A concept of the shattering devastation wrought in England by the German "Buzz-Bombs", and a high tribute to the people who endured them.

London Fire Raids

12 minutes. Senior high, college, adult. Made during the fire raid on the city of London the night of December 29, 1940, film shows one of the biggest blazes in modern history. It is a rare pictorial document of the world's largest city on fire, and gives a vivid idea of what happens when there is concentrated incendiary bombing.

Operation Doorstep

10 minutes. Senior high, college, adult. A film based on the Civil Defense atomic tests conducted at the Nevada Proving Ground on March 17, 1953. It includes a "stop motion" special effect sequence showing every detail of what happened to

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demonstration house #1 from the moment it is first illuminated by the A-Bomb light until there is nothing visible but dust and flying debris. "After" scenes taken in both house #1 and #2 emphasize the need for family civil defense and the value of simple, inexpensive home-type shelters.

First Aid in the Prevention of Shock

26 minutes. Produced by the Signal Corps, this first-aid film deals with several types of wounds, including burns, fractures, head and body injuries; shows how shock may develop from each and how to prevent it.

Trapped

20 minutes. Senior high, college, adult. This rescue film with English narration is an adaptation of a motion picture made available through the courtesy of the Government of Sweden. The film graphically emphasizes the need for trained rescue workers. Shows some of the risks of rescue as well as some of its rewards. It also shows many of the special techniques required to rescue trapped casualties - searching in collapsed structures, digging through rubble, tunnelling through shifting masses of debris, and wall breaching.

Operation Ivy

28 minutes. Adult, college and senior training groups. Graphic portrayal of the explosion of the thermonuclear device ("Mike") at Eniwetok Atoll. Begins with excerpts from President Eisenhower's Nations speech December 8, 1953. Opening scenes are on board a ship of Joint Task Force 132, with flashback to firing party making final check on the shot island. View of test islands before and after explosion; vivid photography of the "mushroom" cloud. Designed to show the destructiveness of the hydrogen bomb.

Let's Face It

13½ minutes. This film was produced at the Atomic Energy Commission's Nevada test site. It is one of the most effective Civil Defense films, dealing with the effects of atomic explosions on homes and various industrial structures and installations.

1. The first part of the document is a letter from the President of the United States to the Congress, dated January 3, 1862. It is a very important document, as it contains the President's views on the state of the Union and the progress of the war.

2. The second part of the document is a report from the Secretary of the War Department, dated January 10, 1862. It contains a detailed account of the military operations of the Army during the year 1861.

3. The third part of the document is a report from the Secretary of the Navy Department, dated January 10, 1862. It contains a detailed account of the naval operations of the Navy during the year 1861.

4. The fourth part of the document is a report from the Secretary of the Department of the Interior, dated January 10, 1862. It contains a detailed account of the operations of the Department during the year 1861.

5. The fifth part of the document is a report from the Secretary of the Department of the Treasury, dated January 10, 1862. It contains a detailed account of the operations of the Department during the year 1861.

The following is a list of the documents which are included in this volume:

1. Letter from the President of the United States to the Congress, dated January 3, 1862.

2. Report from the Secretary of the War Department, dated January 10, 1862.

3. Report from the Secretary of the Navy Department, dated January 10, 1862.

Flash of Darkness

23 minutes. Kinescope of television show "Medic" sponsored by the Dow Chemical Company, made for C.D. use. A nurse, doctor, dentist debate whether yellow warning is a real or practice alert. Report to warehouse. Community hit by atomic bomb. Shows actions of first aid group for the first twenty-four hours after the bomb hit. Primarily a medical theme but very dramatic and excellent for any civil defense group.

The State Council of Civil Defense has only one print of each of the following films, therefore, it would be advisable to make reservations as far in advance as possible.

Rescue Street

14 minutes, in color. The film follows the progress of a typical student enrolled at the National Civil Defense Training School at Olney, Maryland. The training site with its streets of especially constructed partly demolished buildings provides a realistic representation of bomb blast damage and affords an opportunity for the demonstration of a rescue truck in civil defense rescue operation.

The House in the Middle

12 minutes, in color. This includes recently declassified scenes showing the thermal effect of an atomic explosion on three small frame houses in official tests at the Atomic Energy Commission's Proving Ground in Nevada, and emphasizes the importance of elimination of common fire hazards in and around the home.

A Concrete Plan for Civil Defense

12 minutes. This film was developed by the Colorado Civil Defense Agency in cooperation with the National Ready Mixed Concrete Association. It shows how the ready-mix concrete trucks can be used to supply emergency water and fight fires if properly integrated into the local Civil Defense organization. Recommended for showing to the local Ready Mix Concrete Manufacturers as an aid in recruiting and organizing their facilities into Civil Defense.

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Conelrad

10 minutes. The Conelrad System and its civil defense value.

Operation Scat

12 minutes. A documentary of the nation's first "driveout." The film depicts the rapid and orderly evacuation of approximately 480 square blocks of Mobile, Alabama, during the nationwide "Operation Alert." "Operation Scat" is of particular significance because it was made from beginning to end in Mobile by Mobile County Civil Defense organization and volunteer help.

A New Look at the H-Bomb

10 minutes, in color. FCDA Administrator Val Peterson explains the principles of radioactive fall-out, how it affects communities far beyond the area of blast and fire damage and how people can protect themselves against the destructive effects of radioactive fall-cut.

Frontlines of Freedom

13½ minutes. Produced by the Federal Civil Defense Administration in cooperation with the Civil Defense Corps of Canada. It is a dramatic presentation of the nature of the Communist threat of attack to all free nations, and particularly the North American continent. The film graphically shows the role of both military and civil defense in protecting us in the event of such an attack. It is especially recommended for audiences lacking belief in this threat and the need for civil defense.

To Live Tomorrow

13½ minutes. This film makes a noteworthy contribution to the civil defense program by clearly showing that panic can be prevented from starting if disaster survivors are quickly given (1) information, (2) leadership, and (3) a job to do. Many viewers of the film realize for the first time that these three most important factors in panic prevention are provided by civil defense through Conelrad, leadership and skills, training and the development of self confidence through advance preparation.

Escape Route

13½ minutes, in color. Explains the value of the family car in providing (1) radio contact with Civil Defense through Conelrad, (2) space for the transportation of emergency family supplies, (3) protection from the elements, (4) some protection against radioactive fallout, and (5) transportation for possible evacuation.

Operation Welcome

9 minutes. This film shows an evacuation and relocation exercise conducted in the Denver area. It follows a family evacuating Denver by automobile, arriving at a Rural Control Center and its assignment to a nearby farm.

Target You

10 minutes. Explains in simple animation what the public should do for self-preservation in the event that we are attacked without warning or attacked with so little warning time that orderly evacuation cannot be accomplished. A good companion to "Frontlines of Freedom."

Rehearsal for Disaster

13 $\frac{1}{2}$ minutes. Describes the role of trucks in a CD emergency. This role is dramatically told by a truck driver who has just returned from 48 hours of rescue work in a flood disaster. The story makes it apparent that the trucking industry, organized on a nationwide basis, can be a tremendous factor in saving lives and property in the event of any emergency, natural or war-caused. Sponsored by the American Trucking Association.

Bomb-Proof

13 $\frac{1}{2}$ minutes. A study of the preservation of business records in a CD emergency. The scene of the film is laid in a civil defense headquarters, and comes immediately after the blast of enemy bombs. As the picture opens, the president of a mythical manufacturing company is peppered with questions by employees and suppliers on "what will happen now." Even though the plant is completely destroyed, the president (played by Walter Abel) points out that he has foreseen this emergency and with the assistance of CD authorities has preserved through microfilming all essential business records, such as blueprints, payrolls, employee records, bills payable, accounts receivable, etc. The film ends on the note that with basic records undestroyed, resumption of production is now a problem only of plant rebuilding. Sponsored by the Borroughs Corporation.

Big Men in Small Boats

13½ minutes. Shows the many ways privately-owned boats can serve in CD emergencies. Although opening on the theme of the pleasure to be gained by the small boat hobbyist, the film concludes with a dramatic portrayal of the functions of rescue, communication and evacuation that boat clubs and their members can provide to local civil defense programs. Sponsored by the Marine Engine Division of the Chrysler Corporation.

Operation Cue

13½ minutes. Film of "Operation Cue," the 1955 Nevada Atomic Test. It is the story of "Cue," told from the viewpoint of a newspaperwoman, invited to observe the test. The story follows the test from preparatory stages through the day following the shot. Many interesting blast scenes are covered by special photography. Effects of the blast are caught on film by special motion picture cameras mounted on poles and shielded by lead, which were trained on various test objects. This film underscores the fact that such nuclear tests, arranged by the Atomic Energy Commission in cooperation with the FCDA, are essential in providing information as to weapons effects, thus contributing to national survival under nuclear attack.

Warning Red

13½ minutes. Filmed at the FCDA Rescue School in Olney, Maryland. In a setting of bombed-out buildings, smoking rubble and scattered fires, the picture opens with Martin Dale, resident of a typical neighborhood, driving home from work late in the day. Missing the Conelrad radio alert, he is caught by the blast just as he reaches his house on the outskirts of the city. Regaining consciousness, he begins a frantic search for his wife and child. A number of CD precautions are dramatically portrayed at each step in his search. Picture ends on a theme that makes it apparent that those who know what to do in a like situation will have a far greater chance for survival.

New Family in Town

13 $\frac{1}{2}$ minutes. Opens in a typical suburban setting. A British family moves in, and the normal amount of curiosity evidenced by the neighborhood is greatly heightened by the fact that the head of the family loses no time in starting to excavate his back yard. When it is revealed he is building an underground bomb shelter, because of his World War II experience in London, the good natured scoffing turns to real interest. When the shelter is completed, the neighbors are invited in to inspect it. The idea catches on, and shelter building becomes a serious project for the neighborhood. FCDA-approved plans for the shelter and furnishings are followed faithfully throughout the film.

Crisis

13 $\frac{1}{2}$ minutes. Bob Considine, columnist and newscaster, recounts his experiences in covering the disastrous Stroudsburg, Pennsylvania, flood that followed in the wake of Hurricane Diane. He tells how quick-thinking, public-spirited dairymen in the area met the danger of polluted drinking water by providing the public with potable water delivered in cardboard milk cartons. This action proved so effective that dairymen throughout the nation, in cooperation with their local CD units, are making plans to provide a similar service in the event of disaster.

Time of Disaster

10 minutes. Primarily concerned with the role of Civil Defense in natural disasters --tornadoes, floods, hurricanes, fires or explosions. Explains the responsibilities of the Federal Civil Defense Administration and other groups in "wresting from natural disaster part of the toll it would normally take."

Little Drops of Water

13 $\frac{1}{2}$ minutes. A new fire service training film about the extinguishment of fires using the steam or "indirect" principle of fire-fighting. Actual scenes of fire tests conducted at Upper Arling, Ohio, and Napoleon, Ohio, show how the steam or "indirect" extinguishment principle is used and the actual results obtained.

Atomic Attack

50 minutes. Adult. TV dramatization starring Phyllis Thaxter. Shows how a typical suburban family is affected by a nearby atomic attack. Emphasizes the need for preparedness and the importance of civil defense.

The Role of the Warden in
the H-Bomb Era

27 minutes. Resumé of development of atomic and hydrogen bombs and their comparative dangers. Shows the greater need for Wardens in the H-bomb era, by outlining warden duties. Emphasizes the need for local leadership, individual preparedness, and the increased need for rural, as well as urban protection planning. Should be helpful in recruiting wardens.

Food for Thought

13½ minutes. Prepared under the auspices of the Colorado Civil Defense Agency. Shows the type of food to stockpile and a reason for such storage.

Nerve Gas Casualties and
Their Treatment

25 minutes. Produced under the sponsorship of E. R. Squibb & Sons, a Division of Olin Mathieson Chemical Company. To be exhibited ONLY for educational purposes to professional medical, paramedical, associated professional groups and also official civil defense personnel from the various services.



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